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3 APPARATUS AND METHOD FOR WELDING OVERLAPPING

4 WATER-PROOF MEMBRANES TO EACH OTHER

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6 ABSTRACT OF THE DISCLOSURE

7 Apparatus for heat welding together thermoplastic membranes
8 mounted on a surface includes a frame, a support member connected
9 to the frame, a nozzle mounted on the support member to receive
10 heated air, weld wheels mounted on the support member adjacent to,
11 and immediately following, the nozzle for pushing a heated portion
12 of an upper membrane toward a lower membrane to effect a weld,
13 wherein the support member is adapted to be fixed to the frame
14 member in a first position proximate a first side of the frame for
15 welding the two membranes together, is releasable from the first
16 position, is movable to a second position nearer a second side of
17 the frame, and adapted to be releasably fixed to the frame at the
18 second position for welding a membrane to an underlying edge piece
19 mounted on a free edge of the surface.